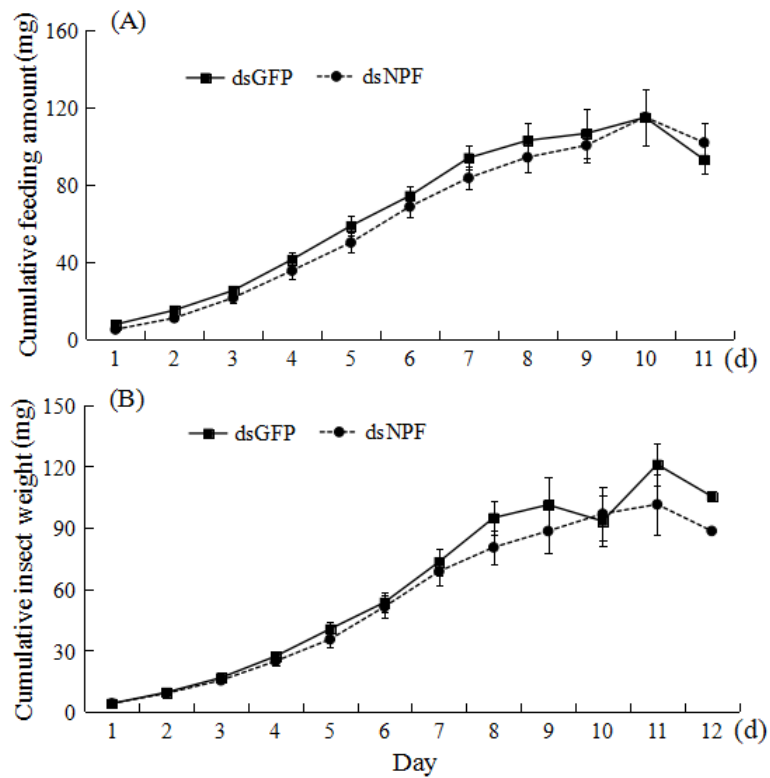


Appendix A. Primers used in this paper.

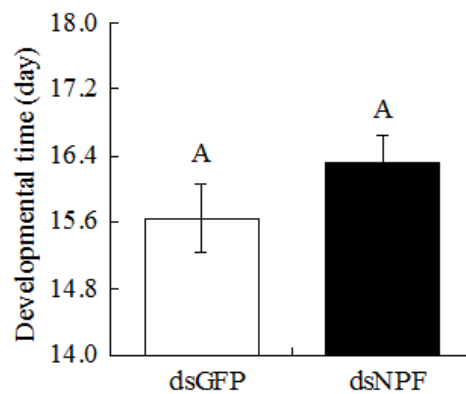
Gene	Primer sequence (5'-3')
NPF	F: TGCTAGACCGAGGATCGATC
	R: GCCAACCAAGCGGGTAAGT
Actin	F: ACGGAGGTGGTAACCATCAACA
	R: ACGCCTCCTTCTTGGTGTCG
dsNPF	F: TAATACGACTCACTATAGGATGATGAGCAAGAGAATCG
	R: TAATACGACTCACTATAGGTTTCGAGATCCTTAGCCCAG
dsGFP	F: TAATACGACTCACTATAGGGAGACAGCGTGTCCGGCGAGG
	R: TAATACGACTCACTATAGGGAGAGTTCACCTTGATGCCGT
NPFR1	F: CCTGCTGGCGTTCTATGGC
	R: GCATCGGAGACGGCAAGGT
NPFR2	F: GCCACAGATGAACCGTTGTACA
	R: GCATAGCTCTGTTTCGGATGAC

Appendix B. Treatment of feeding dsRNA in *O. furnacalis*

Larval state	Artificial diet	dsNPF	dsGFP
1st instar	10 mg	2.5 µg	2.5 µg
2nd instar	10 mg	2.5 µg	2.5 µg
3th instar	30 mg	5 µg	5 µg
4th instar	30 mg	5 µg	5 µg
5th instar	50 mg	6 µg	6 µg



Appendix C. Cumulative feeding amount (A) and insect weight (B). The dsNPF and dsGFP were dissolved in nuclease-free water. The 1st to the early 5th instar larvae were reared with mixed dsRNA foods. Each value represents the mean  $\pm$  SE of 20 replicates. \* $P < 0.05$ .



Appendix D. The developmental time of feeding dsRNA dissolved in nuclease free water from the 1st to the 28 h of the 5th instar larvae. Each value represents the mean  $\pm$  SE of 20 replicates. Different uppercase letters indicate significant differences between dsNPF and dsGFP (Tukey's test:  $P < 0.05$ ).